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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/841,124	04/25/2001	Yusuke Chonan	1994/00021	6151

7590

03/12/2003

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EXAMINER

KRISHNAN, SUMATI

ART UNIT

PAPER NUMBER

2875

DATE MAILED: 03/12/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/841,124

Applicant(s)

CHONAN ET AL.

Examiner

Sumati Krishnan

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Specification

The disclosure is objected to because of the following informalities: applicant states “formed on the position lower (i.e. the side of the wider diameter portion of the deflection yoke)”, on page 12, lines 4-5, then “formed in the upper position (the position towards the wider diameter portion side of the deflection yoke)” on lines 18-19, then again “bottom portion side (i.e. towards the direction of wider diameter portion of the deflection yoke” on lines 25-26, etc. Both the lower and upper positions cannot be directed towards the wider diameter portion of the deflection yoke. Examiner, in conjunction with the rest of the specification and the drawings, has figured that applicant meant only that the lower portion was directed toward the wider diameter part of the deflection yoke. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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Claims 1-3 are rejected under 35 U.S.C. 102(b) as being anticipated by Applicant's admitted prior art. .

Regarding claims 1, admitted prior art discloses a deflection yoke apparatus comprising a neck portion (103) in a cylindrical shape formed on a sub-terminal portion of a funnel shaped separator (1b) having a narrower diameter portion and a wider diameter portion (see fig. 9), a magnetic ring means (10,11) rotatably mounted on said neck portion, a holding portion means (12,13) having a holding portion for holding magnetic ring, and a protrusion means (14) formed on neck having a first slope surface decline to the outer direction from said narrower diameter portion side to said wider diameter portion side of neck, wherein magnetic ring means contacts the slope surface before contacting said holding portion when ring is inserted to neck from narrower diameter portion side, and the protrusion means leads said magnetic ring to said holding portion.

Regarding claim 2, holding portion means (12, 13) has a second slope surface (13a) declining to the outer direction from said narrower diameter portion side to said wider diameter portion side of said neck portion, and said first slope surface of said protrusion means (14) leads said magnetic ring means to said second slope surface (13a) of said holding portion means (12, 13).

Regarding claim 3, applicant's admitted prior art discloses a deflection yoke apparatus comprising a neck portion (103) having a cylindrical shape and formed on a subterminal portion of a funnel shaped separator (1b), with a narrower diameter portion and a wider diameter portion, first protrusion means (14) formed on said neck portion, clamp band means (5) having a hole (5a), magnetic ring means (10,11) rotatably mounted on said wider diameter portion side of said

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neck portion than the position of said clamp band being attached to said neck, holding portion means (12) for holding said magnetic rings from narrower portion side, and a second protrusion means (13) having a slope surface (13a) decline to the outer direction from said narrower diameter portion side to said wider diameter portion side of said neck portion and formed on said neck portion between said first protrusion (14) and said holding portion (12) wherein said magnetic ring means being inserted to said neck portion contacts said slope surface before contacting said holding portion.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sumati Krishnan whose telephone number is 703-305-7906. The examiner can normally be reached on 8:00 am - 4:30 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on 703-305-4939. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9318 for regular communications and 703-872-9319 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

SK
March 7, 2003


Sandra O'Shea
Supervisory Patent Examiner
Technology Center 2800